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PTO/SB/05 (03-01)

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Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION **TRANSMITTAL**

DB000955-000 Attorney Docket No. Keith R. Slavin First Inventor LOW POWER, HASH-CONTENT ADDRESSABLE MEMORY ARCHITECTURE

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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APPLICAT	TION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application	110		
See MPEP chapter 600 conce	eming utility patent application contents	1	_		
1. Submit an original and a d 2. Applicant claims single Specification (preferred arrangement) - Descriptive title of Cross Reference - Statement Regal - Reference to section a computer property - Background of the Brief Summary of Brief Description - Detailed Description	[Total Pages 21]  If the invention at the Related Applications related sponsored R & D quence listing, a table, roogram listing appendix the Invention of the Invention of the Drawings (if filed)	7. CD-ROM or CD-R in duplicate, large table or Computer Program ( <i>Appendix</i> ) 8. Nucleotide and/or Amino Acid Sequence Submission ( <i>if applicable, all necessary</i> ) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s))			
- Claim(s) - Abstract of the I	Disclosure	37 CFR 3.73(b) Statement Power of Attorney	ı		
4. Drawing(s) (35 U. 5. Oath or Declaration  a. Newly executed to the continuation of	S.C. 113) [ Total Sheets 5	11. English Translation Document (if applicable)  12. Information Disclosure Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  19 the requisite information below and in a preliminary amendment,  of prior application No:  Group Art Unit:  1 prior application, from which an oath or declaration is supplied under tition or divisional application and is hereby incorporated by reference.			
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Nama (Drint/Time)	Edward L. Pencoske	Registration No. (Attorney/Agent) 29,688	$\overline{\ \ }$		
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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 1,632

Complete if Known				
Application Number				
Filing Date	1 November 2001			
First Named Inventor	Keith R. Slavin			
Examiner Name	Not Yet Assigned			
Group Art Unit				
Attorney Docket No.	DB000955-000			

METHOD OF PAYMENT	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES					
1. indicated fees and credit any overpayments to:	Large Small					
Account 120-0888	Entity Entity  Fee Fee Fee Fee Fee Description	Fee Paid				
Number	Fee Fee Fee Fee Fee Description Code (\$)	r ce r aiu				
Deposit Account	105 130 205 65 Surcharge - late filing fee or oath					
Name Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
Applicant claims small entity status.	139 130 139 130 Non-English specification					
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination					
2. Payment Enclosed:	112 920* 112 920* Requesting publication of SIR prior to Examiner action					
Check Credit card Corder Cother	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action					
FEE CALCULATION	115 110 215 55 Extension for reply within first month					
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month					
Large Entity Small Entity Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month					
Code (\$) Code (\$) Fee Paid	118 1,390 218 695 Extension for reply within fourth month					
101 710 201 355 Utility filing fee 740	128 1,890 228 945 Extension for reply within fifth month					
106 320 206 160 Design filing fee	119 310 219 155 Notice of Appeal					
107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal					
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing					
•	138 1,510 138 1,510 Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 740	140 110 240 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional					
Fee from Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)					
Total Claims 44 -20** = 24 × 18 = 432	143 440 243 220 Design issue fee					
Independent 8 - 3** = 5 x 84 = 420	144 600 244 300 Plant issue fee					
Multiple Dependent	122 130 122 130 Petitions to the Commissioner					
	123 50 123 50 Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt					
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)	40				
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection					
104 270 204 135 Multiple dependent claim, if not paid	(37 CFR § 1.129(a)) 149 710 249 355 For each additional invention to be					
109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))					
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)					
and over original patent	169 900 169 900 Request for expedited examination of a design application					
SUBTOTAL (2) (\$) 852	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40					

SUBMITTED BY				Complete (#	Complete (if applicable)	
Name (Print/Type)	Edward L. Penceske	Registration No. (Attorney/Agent)	29,688	Telephone	(412) 394-7789	
Signature	E & Ewees	2.		Date	1 Nov. 2001	

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